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| Substitute for Form PTO-1390  |  | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE                            | ATTORNEY'S DOCKET NUMBER<br>018765-230 |
| <b>TRANSMITTAL LETTER TO THE UNITED STATES<br/>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br/>CONCERNING A FILING UNDER 35 U.S.C. 371</b>   |  | <b>10/954233</b><br><small>U.S. APPLICATION NO. (If known, see 37 CFR 1.5)</small> |  |
| INTERNATIONAL APPLICATION NO.<br>PCT/JP2004/006041  | INTERNATIONAL FILING DATE<br>26 Apr 2004 | PRIORITY DATE CLAIMED<br>24 Apr 2003   |  |
| TITLE OF INVENTION<br><br>COATING LIQUID FOR FORMING POROUS SILICA  |  |  |  |
| APPLICANT(S) FOR DO/EO/US<br>Shunsuke OIKE, Kazuo KOHMURA, Masami MURAKAMI and Takeshi KUBOTA   |  |  |  |
| <p>Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> This is a <b>FIRST</b> submission to items concerning a filing under 35 U.S.C. 371.</li> <li><input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li><input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (22) indicated below.</li> <li><input type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (Article 31).</li> <li><input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))             <ol style="list-style-type: none"> <li><input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li><input checked="" type="checkbox"/> has been communicated by the International Bureau.</li> <li><input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li><input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))             <ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> is attached hereto.</li> <li><input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li><input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))             <ol style="list-style-type: none"> <li><input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li><input type="checkbox"/> have been communicated by the International Bureau.</li> <li><input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li><input type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li><input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li><input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li><input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol> <p><b>Items 11 to 21 below concern document(s) or information included:</b></p> <ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li><input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li><input type="checkbox"/> A FIRST preliminary amendment.</li> <li><input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment.</li> <li><input type="checkbox"/> A substitute specification.</li> <li><input type="checkbox"/> A change of power of attorney and/or address letter.</li> <li><input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. 1.821 - 1.825.</li> <li><input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</li> <li><input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> <li><input checked="" type="checkbox"/> Other items or information: <u>Application Data Sheet, General Authorization for Petitions for Extension of Time and Payment of Fees, Forms PCT/IB/304 and 308.</u></li> </ol> |  |  |  |

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| U.S. APPLICATION NO. (If known, see 37 CFR 1.61) <b>10/554233</b> |  | INTERNATIONAL APPLICATION NO. <b>PCT/JP2004/006041</b> |  | ATTORNEY'S DOCKET NUMBER <b>018765-230</b> |  |
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|   |                         |              |      |                   |                         |  |   |  |  |  |  |  |        |              |              |      |    |  |              |   |       |   |                  |         |                    |   |      |   |                   |         |   |  |  |  |                   |  |                 |  |  |  |                   |           |            |  |  |  |                   |           |  |  |  |  |  |  |                             |  |  |  |  |           |  |  |  |  |   |         |            |  |  |  |  |           |  |  |  |  |  |         |                      |  |  |  |  |           |  |  |  |  |  |          |                       |  |  |  |  |           |  |  |  |  |  |                         |  |  |  |  |  |           |
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| <p>21. <input checked="" type="checkbox"/> Applicant(s) requests that the published application include the following assignment information: <u>  MITSUI CHEMICALS, INC., Minato-ku, Tokyo, Japan.  </u></p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>22. <input checked="" type="checkbox"/> The following fees are submitted:</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td colspan="4">Basic Filing Fee (1631)</td> <td style="width:15%; text-align: right;">\$ 300.00</td> <td style="width:15%;"></td> </tr> <tr> <td colspan="4">           Surcharge of <b>\$130.00 (1617)</b> for furnishing the oath or declaration later than _____ months from the earliest claimed priority date (37 CFR 1.492(e)).           <input type="checkbox"/> 20 <input type="checkbox"/> 30         </td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">CLAIMS</td> <td style="text-align: center;">NUMBER FILED</td> <td style="text-align: center;">NUMBER EXTRA</td> <td style="text-align: center;">RATE</td> <td style="text-align: center;">\$</td> <td></td> </tr> <tr> <td>Total Claims</td> <td style="text-align: center;">5</td> <td style="text-align: center;">-20 =</td> <td style="text-align: center;">0</td> <td style="text-align: center;">x \$50.00 (1615)</td> <td style="text-align: right;">\$ 0.00</td> </tr> <tr> <td>Independent Claims</td> <td style="text-align: center;">1</td> <td style="text-align: center;">-3 =</td> <td style="text-align: center;">0</td> <td style="text-align: center;">x \$200.00 (1614)</td> <td style="text-align: right;">\$ 0.00</td> </tr> <tr> <td colspan="4">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td style="text-align: center;">+ \$360.00 (1616)</td> <td></td> </tr> <tr> <td colspan="4">Examination Fee</td> <td style="text-align: center;">+ \$200.00 (1633)</td> <td style="text-align: right;">\$ 200.00</td> </tr> <tr> <td colspan="4">Search Fee</td> <td style="text-align: center;">+ \$500.00 (1632)</td> <td style="text-align: right;">\$ 400.00</td> </tr> <tr> <td colspan="4">App. Size Fee (add \$250.00 for each add'l 50 sheets exceeding 100 sheets)</td> <td></td> <td></td> </tr> <tr> <td colspan="4" style="text-align: right;">TOTAL OF ABOVE CALCULATIONS</td> <td></td> <td style="text-align: right;">\$ 900.00</td> </tr> <tr> <td colspan="4"> <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.         </td> <td style="text-align: center;">+</td> <td style="text-align: right;">\$ 0.00</td> </tr> <tr> <td colspan="4" style="text-align: right;">SUBTOTAL =</td> <td></td> <td style="text-align: right;">\$ 900.00</td> </tr> <tr> <td colspan="4">           Processing fee of <b>\$130.00 (1618)</b> for furnishing the English translation later than _____ months from the earliest claimed priority date (37 CFR 1.492(f)).           <input type="checkbox"/> 20 <input type="checkbox"/> 30         </td> <td></td> <td style="text-align: right;">\$ 0.00</td> </tr> <tr> <td colspan="4" style="text-align: right;">TOTAL NATIONAL FEE =</td> <td></td> <td style="text-align: right;">\$ 900.00</td> </tr> <tr> <td colspan="4">           Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). <b>\$40.00 (8021)</b> per property +         </td> <td></td> <td style="text-align: right;">\$ 40.00</td> </tr> <tr> <td colspan="4" style="text-align: right;">TOTAL FEES ENCLOSED =</td> <td></td> <td style="text-align: right;">\$ 940.00</td> </tr> <tr> <td colspan="4"></td> <td></td> <td style="text-align: right;">Amount to be refunded :</td> </tr> <tr> <td colspan="4"></td> <td></td> <td style="text-align: right;">charged :</td> </tr> </table> <p>a. <input checked="" type="checkbox"/> A check in the amount of <u>  \$ 940.00  </u> to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. <u>  02-4800  </u> in the amount of _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>  02-4800  </u>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Charge _____ to credit card. Form PTO-2038 is attached.</p> <p><b>NOTE:</b> Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</p><br><div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>SEND ALL CORRESPONDENCE TO:</p> <p>Buchanan Ingersoll PC<br/>         Including attorneys from Burns, Doane, Swecker &amp; Mathis<br/>         P.O. Box 1404<br/>         Alexandria, Virginia 22313-1404<br/>         (703) 836-6620</p> </div> <div style="width: 45%; text-align: right;"> <p></p> <p>_____<br/>SIGNATURE</p> <p>_____<br/>NAME</p> <p><u>  28,31  </u> <u>  October 24, 2005  </u><br/>REGISTRATION NO. DATE</p> </div> </div> | Basic Filing Fee (1631) |              |      |                   | \$ 300.00               |  | Surcharge of <b>\$130.00 (1617)</b> for furnishing the oath or declaration later than _____ months from the earliest claimed priority date (37 CFR 1.492(e)). <input type="checkbox"/> 20 <input type="checkbox"/> 30 |  |  |  |  |  | CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | \$ |  | Total Claims | 5 | -20 = | 0 | x \$50.00 (1615) | \$ 0.00 | Independent Claims | 1 | -3 = | 0 | x \$200.00 (1614) | \$ 0.00 | MULTIPLE DEPENDENT CLAIM(S) (if applicable) |  |  |  | + \$360.00 (1616) |  | Examination Fee |  |  |  | + \$200.00 (1633) | \$ 200.00 | Search Fee |  |  |  | + \$500.00 (1632) | \$ 400.00 | App. Size Fee (add \$250.00 for each add'l 50 sheets exceeding 100 sheets) |  |  |  |  |  | TOTAL OF ABOVE CALCULATIONS |  |  |  |  | \$ 900.00 | <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2. |  |  |  | + | \$ 0.00 | SUBTOTAL = |  |  |  |  | \$ 900.00 | Processing fee of <b>\$130.00 (1618)</b> for furnishing the English translation later than _____ months from the earliest claimed priority date (37 CFR 1.492(f)). <input type="checkbox"/> 20 <input type="checkbox"/> 30 |  |  |  |  | \$ 0.00 | TOTAL NATIONAL FEE = |  |  |  |  | \$ 900.00 | Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). <b>\$40.00 (8021)</b> per property + |  |  |  |  | \$ 40.00 | TOTAL FEES ENCLOSED = |  |  |  |  | \$ 940.00 |  |  |  |  |  | Amount to be refunded : |  |  |  |  |  | charged : |
| Basic Filing Fee (1631)   |                         |              |      | \$ 300.00         |                         |  |   |  |  |  |  |  |        |              |              |      |    |  |              |   |       |   |                  |         |                    |   |      |   |                   |         |   |  |  |  |                   |  |                 |  |  |  |                   |           |            |  |  |  |                   |           |  |  |  |  |  |  |                             |  |  |  |  |           |  |  |  |  |   |         |            |  |  |  |  |           |  |  |  |  |  |         |                      |  |  |  |  |           |  |  |  |  |  |          |                       |  |  |  |  |           |  |  |  |  |  |                         |  |  |  |  |  |           |
| Surcharge of <b>\$130.00 (1617)</b> for furnishing the oath or declaration later than _____ months from the earliest claimed priority date (37 CFR 1.492(e)). <input type="checkbox"/> 20 <input type="checkbox"/> 30   |                         |              |      |                   |                         |  |   |  |  |  |  |  |        |              |              |      |    |  |              |   |       |   |                  |         |                    |   |      |   |                   |         |   |  |  |  |                   |  |                 |  |  |  |                   |           |            |  |  |  |                   |           |  |  |  |  |  |  |                             |  |  |  |  |           |  |  |  |  |   |         |            |  |  |  |  |           |  |  |  |  |  |         |                      |  |  |  |  |           |  |  |  |  |  |          |                       |  |  |  |  |           |  |  |  |  |  |                         |  |  |  |  |  |           |
| CLAIMS  | NUMBER FILED            | NUMBER EXTRA | RATE | \$                |                         |  |   |  |  |  |  |  |        |              |              |      |    |  |              |   |       |   |                  |         |                    |   |      |   |                   |         |   |  |  |  |                   |  |                 |  |  |  |                   |           |            |  |  |  |                   |           |  |  |  |  |  |  |                             |  |  |  |  |           |  |  |  |  |   |         |            |  |  |  |  |           |  |  |  |  |  |         |                      |  |  |  |  |           |  |  |  |  |  |          |                       |  |  |  |  |           |  |  |  |  |  |                         |  |  |  |  |  |           |
| Total Claims  | 5                       | -20 =        | 0    | x \$50.00 (1615)  | \$ 0.00                 |  |   |  |  |  |  |  |        |              |              |      |    |  |              |   |       |   |                  |         |                    |   |      |   |                   |         |   |  |  |  |                   |  |                 |  |  |  |                   |           |            |  |  |  |                   |           |  |  |  |  |  |  |                             |  |  |  |  |           |  |  |  |  |   |         |            |  |  |  |  |           |  |  |  |  |  |         |                      |  |  |  |  |           |  |  |  |  |  |          |                       |  |  |  |  |           |  |  |  |  |  |                         |  |  |  |  |  |           |
| Independent Claims  | 1                       | -3 =         | 0    | x \$200.00 (1614) | \$ 0.00                 |  |   |  |  |  |  |  |        |              |              |      |    |  |              |   |       |   |                  |         |                    |   |      |   |                   |         |   |  |  |  |                   |  |                 |  |  |  |                   |           |            |  |  |  |                   |           |  |  |  |  |  |  |                             |  |  |  |  |           |  |  |  |  |   |         |            |  |  |  |  |           |  |  |  |  |  |         |                      |  |  |  |  |           |  |  |  |  |  |          |                       |  |  |  |  |           |  |  |  |  |  |                         |  |  |  |  |  |           |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable)   |                         |              |      | + \$360.00 (1616) |                         |  |   |  |  |  |  |  |        |              |              |      |    |  |              |   |       |   |                  |         |                    |   |      |   |                   |         |   |  |  |  |                   |  |                 |  |  |  |                   |           |            |  |  |  |                   |           |  |  |  |  |  |  |                             |  |  |  |  |           |  |  |  |  |   |         |            |  |  |  |  |           |  |  |  |  |  |         |                      |  |  |  |  |           |  |  |  |  |  |          |                       |  |  |  |  |           |  |  |  |  |  |                         |  |  |  |  |  |           |
| Examination Fee   |                         |              |      | + \$200.00 (1633) | \$ 200.00               |  |   |  |  |  |  |  |        |              |              |      |    |  |              |   |       |   |                  |         |                    |   |      |   |                   |         |   |  |  |  |                   |  |                 |  |  |  |                   |           |            |  |  |  |                   |           |  |  |  |  |  |  |                             |  |  |  |  |           |  |  |  |  |   |         |            |  |  |  |  |           |  |  |  |  |  |         |                      |  |  |  |  |           |  |  |  |  |  |          |                       |  |  |  |  |           |  |  |  |  |  |                         |  |  |  |  |  |           |
| Search Fee  |                         |              |      | + \$500.00 (1632) | \$ 400.00               |  |   |  |  |  |  |  |        |              |              |      |    |  |              |   |       |   |                  |         |                    |   |      |   |                   |         |   |  |  |  |                   |  |                 |  |  |  |                   |           |            |  |  |  |                   |           |  |  |  |  |  |  |                             |  |  |  |  |           |  |  |  |  |   |         |            |  |  |  |  |           |  |  |  |  |  |         |                      |  |  |  |  |           |  |  |  |  |  |          |                       |  |  |  |  |           |  |  |  |  |  |                         |  |  |  |  |  |           |
| App. Size Fee (add \$250.00 for each add'l 50 sheets exceeding 100 sheets)  |                         |              |      |                   |                         |  |   |  |  |  |  |  |        |              |              |      |    |  |              |   |       |   |                  |         |                    |   |      |   |                   |         |   |  |  |  |                   |  |                 |  |  |  |                   |           |            |  |  |  |                   |           |  |  |  |  |  |  |                             |  |  |  |  |           |  |  |  |  |   |         |            |  |  |  |  |           |  |  |  |  |  |         |                      |  |  |  |  |           |  |  |  |  |  |          |                       |  |  |  |  |           |  |  |  |  |  |                         |  |  |  |  |  |           |
| TOTAL OF ABOVE CALCULATIONS   |                         |              |      |                   | \$ 900.00               |  |   |  |  |  |  |  |        |              |              |      |    |  |              |   |       |   |                  |         |                    |   |      |   |                   |         |   |  |  |  |                   |  |                 |  |  |  |                   |           |            |  |  |  |                   |           |  |  |  |  |  |  |                             |  |  |  |  |           |  |  |  |  |   |         |            |  |  |  |  |           |  |  |  |  |  |         |                      |  |  |  |  |           |  |  |  |  |  |          |                       |  |  |  |  |           |  |  |  |  |  |                         |  |  |  |  |  |           |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.  |                         |              |      | +                 | \$ 0.00                 |  |   |  |  |  |  |  |        |              |              |      |    |  |              |   |       |   |                  |         |                    |   |      |   |                   |         |   |  |  |  |                   |  |                 |  |  |  |                   |           |            |  |  |  |                   |           |  |  |  |  |  |  |                             |  |  |  |  |           |  |  |  |  |   |         |            |  |  |  |  |           |  |  |  |  |  |         |                      |  |  |  |  |           |  |  |  |  |  |          |                       |  |  |  |  |           |  |  |  |  |  |                         |  |  |  |  |  |           |
| SUBTOTAL =  |                         |              |      |                   | \$ 900.00               |  |   |  |  |  |  |  |        |              |              |      |    |  |              |   |       |   |                  |         |                    |   |      |   |                   |         |   |  |  |  |                   |  |                 |  |  |  |                   |           |            |  |  |  |                   |           |  |  |  |  |  |  |                             |  |  |  |  |           |  |  |  |  |   |         |            |  |  |  |  |           |  |  |  |  |  |         |                      |  |  |  |  |           |  |  |  |  |  |          |                       |  |  |  |  |           |  |  |  |  |  |                         |  |  |  |  |  |           |
| Processing fee of <b>\$130.00 (1618)</b> for furnishing the English translation later than _____ months from the earliest claimed priority date (37 CFR 1.492(f)). <input type="checkbox"/> 20 <input type="checkbox"/> 30  |                         |              |      |                   | \$ 0.00                 |  |   |  |  |  |  |  |        |              |              |      |    |  |              |   |       |   |                  |         |                    |   |      |   |                   |         |   |  |  |  |                   |  |                 |  |  |  |                   |           |            |  |  |  |                   |           |  |  |  |  |  |  |                             |  |  |  |  |           |  |  |  |  |   |         |            |  |  |  |  |           |  |  |  |  |  |         |                      |  |  |  |  |           |  |  |  |  |  |          |                       |  |  |  |  |           |  |  |  |  |  |                         |  |  |  |  |  |           |
| TOTAL NATIONAL FEE =  |                         |              |      |                   | \$ 900.00               |  |   |  |  |  |  |  |        |              |              |      |    |  |              |   |       |   |                  |         |                    |   |      |   |                   |         |   |  |  |  |                   |  |                 |  |  |  |                   |           |            |  |  |  |                   |           |  |  |  |  |  |  |                             |  |  |  |  |           |  |  |  |  |   |         |            |  |  |  |  |           |  |  |  |  |  |         |                      |  |  |  |  |           |  |  |  |  |  |          |                       |  |  |  |  |           |  |  |  |  |  |                         |  |  |  |  |  |           |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). <b>\$40.00 (8021)</b> per property +  |                         |              |      |                   | \$ 40.00                |  |   |  |  |  |  |  |        |              |              |      |    |  |              |   |       |   |                  |         |                    |   |      |   |                   |         |   |  |  |  |                   |  |                 |  |  |  |                   |           |            |  |  |  |                   |           |  |  |  |  |  |  |                             |  |  |  |  |           |  |  |  |  |   |         |            |  |  |  |  |           |  |  |  |  |  |         |                      |  |  |  |  |           |  |  |  |  |  |          |                       |  |  |  |  |           |  |  |  |  |  |                         |  |  |  |  |  |           |
| TOTAL FEES ENCLOSED =   |                         |              |      |                   | \$ 940.00               |  |   |  |  |  |  |  |        |              |              |      |    |  |              |   |       |   |                  |         |                    |   |      |   |                   |         |   |  |  |  |                   |  |                 |  |  |  |                   |           |            |  |  |  |                   |           |  |  |  |  |  |  |                             |  |  |  |  |           |  |  |  |  |   |         |            |  |  |  |  |           |  |  |  |  |  |         |                      |  |  |  |  |           |  |  |  |  |  |          |                       |  |  |  |  |           |  |  |  |  |  |                         |  |  |  |  |  |           |
|   |                         |              |      |                   | Amount to be refunded : |  |   |  |  |  |  |  |        |              |              |      |    |  |              |   |       |   |                  |         |                    |   |      |   |                   |         |   |  |  |  |                   |  |                 |  |  |  |                   |           |            |  |  |  |                   |           |  |  |  |  |  |  |                             |  |  |  |  |           |  |  |  |  |   |         |            |  |  |  |  |           |  |  |  |  |  |         |                      |  |  |  |  |           |  |  |  |  |  |          |                       |  |  |  |  |           |  |  |  |  |  |                         |  |  |  |  |  |           |
|   |                         |              |      |                   | charged :               |  |   |  |  |  |  |  |        |              |              |      |    |  |              |   |       |   |                  |         |                    |   |      |   |                   |         |   |  |  |  |                   |  |                 |  |  |  |                   |           |            |  |  |  |                   |           |  |  |  |  |  |  |                             |  |  |  |  |           |  |  |  |  |   |         |            |  |  |  |  |           |  |  |  |  |  |         |                      |  |  |  |  |           |  |  |  |  |  |          |                       |  |  |  |  |           |  |  |  |  |  |                         |  |  |  |  |  |           |

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

|                                 |   |                   |
|---------------------------------|---|-------------------|
| In re Patent Application of     | ) |                   |
|                                 | ) |                   |
| Shunsuke OIKE et al.            | ) | Group Art Unit:   |
|                                 | ) |                   |
| Application No.:                | ) | Examiner:         |
|                                 | ) |                   |
| Filed: October 24, 2005         | ) | Confirmation No.: |
|                                 | ) |                   |
| For: COATING LIQUID FOR FORMING | ) |                   |
| POROUS SILICA                   | ) |                   |

**GENERAL AUTHORIZATION FOR PETITIONS  
FOR EXTENSIONS OF TIME AND PAYMENT OF FEES**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. § 1.136(a)(3), the U.S. Patent and Trademark Office is hereby provided with a general authorization to treat any concurrent or future reply requiring a petition for an extension of time for its timely submission as containing a request therefor for the appropriate length of time.

The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. § 1.17 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BUCHANAN INGERSOLL PC

Date: October 24, 2005

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